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1980

UNITED STATES DEPARTMENT OF AGRICULTURE

FOREST SERVICE

The exterior boundary of the Arapaho National Recreation Area, Arapaho National Forest, Rocky Mountain Region, October 1980 as created by Public Law 95-450, October 11, 1978.

U.S. GOVERNMENT PRINTING OFFICE : 1973 O—522-184

6200—M7 (10/73)

BOUNDARY

ARAPAHO NATIONAL RECREATION AREA

The Exterior Boundary of the Arapaho National Recreation Area, Arapaho and Roosevelt National Forests, Rocky Mountain Region (Region Two), October 11, 1978, as reported to Congress pursuant to Section Nine of the Indian Peaks Wilderness Area, the Arapaho National Recreation Area and the Oregon Islands Wilderness Area Act, Public Law 95-450.

BOUNDARY DESCRIPTION - SHADOW MOUNTAIN LAKE PARCEL

Sixth Principal Meridian, Colorado: Beginning at junction of the centerline of Colorado State Highway No. 278 and the mean high water mark of the east bank of Little Columbine Creek that crosses thereunder, latitude 40°15'5.5" North, longitude 105°50'0.7" West.

From this initial point thence southerly along the mean high water mark of the east bank of Little Columbine Creek for approximately 0.15 mile 1/ to intersection with mean high water mark of Shadow Mountain Lake;

Thence southeasterly along mean high water mark of Lake 0.34 mile to intersection with mean high water mark on north shore entrance of canal between Shadow Mountain Lake and Grand Lake;

Thence easterly along mean high water mark of north shore of canal to intersection with north boundary of U.S. Government owned land where said boundary meets mean high water mark of canal;

Thence easterly along north boundary of Government tract, South 89°51'30" East, 152.0 feet;

Thence South 0°08'30" West, 50.0 feet;

Thence South 89°51'30" East along north boundary of Government tract to intersection with mean high water mark on shore of Grand Lake;

Thence southerly along mean high water mark of lake shore, across canal outlet to mean high water mark of south shore line of outlet of canal;

Thence westerly along mean high water mark of south shore of canal to west edge of county road that crosses canal;

Thence southerly along west edge and south edge of county road 1.23 mile to end of road where foot trail begins;

Thence easterly along south edge of tread of foot trail to intersection with east section line of Section 8, Township 3 North, Range 75 West;

1/ All distances cited in the remainder of this description are approximate.

Thence southerly along section line to east quarter corner of said Section 8, a point contiguous to Rocky Mountain National Park Boundary;

Thence westerly along Park Boundary to a point intersecting mean high water mark of shore of Shadow Mountain Lake;

Thence southerly along Park Boundary and mean high water mark on shore of Shadow Mountain Lake to intersection with line projected North 89°33'10" West from northwest sixteenth corner of Section 19, Township 3 North, Range 75 West;

Thence easterly along this line to northwest sixteenth corner of said Section 19;

Thence South 01°06'15" West to intersection with mean high water mark on east shore of Colorado River on downstream side of North Fork Diversion Dam;

Thence southeasterly along mean high water mark of east shores of Colorado River, Columbine Bay, and Grand Bay to intersection with north section line of Section 5, Township 2 North, Range 75 West;

Thence easterly along the section line to north quarter corner of said Section 5. This point is common to the boundaries of Arapaho National Recreation Area, Rocky Mountain National Park and Indian Peaks Wilderness. From this point the boundary is coincident with the Indian Peaks Wilderness Boundary;

Thence southerly to center quarter corner of said Section 5;

Thence westerly to west quarter corner of said Section 5;

Thence southerly to the southwest corner of said Section 5;

Thence easterly along the section line to the southeast corner of said Section 5;

Thence southerly along the west section line of Section 9 to west quarter corner Section 9, Township 2 North, Range 75 West;

Thence easterly to east quarter corner of said Section 9;

Thence southerly along section line to the southeast corner of said Section 9;

Thence easterly along section line to the southeast corner of Section 10, Township 2 North, Range 75 West;

Thence southerly along the section line between Sections 14, 15 to the west quarter corner Section 14, Township 2 North, Range 75 West;

Thence easterly to center west sixteenth corner of said Section 14;

Thence southerly to center north southwest sixty-fourth corner of said Section 14;

Thence easterly to northeast southwest sixty-fourth corner of said Section 14;

Thence southerly to center east southwest sixty-fourth corner of said Section

Thence easterly to center south sixteenth corner of said Section 14;

Thence southerly to south quarter corner of said Section 14;

Thence easterly along the section line to east sixteenth corner on south section line of said Section 14;

Thence southerly to northeast sixteenth corner Section 23, Township 2 North, Range 75 West;

Thence easterly to north sixteenth corner on east section line of said Section 23;

Thence southerly along the section line of said Section 23 to intersection with 8,400 foot contour;

Thence southeasterly along 8,400 foot contour to intersection with east section line Section 25, Township 2 North, Range 75 West;

Thence southerly along section line to east quarter corner of said Section 25;

Thence southwesterly in a straight line 0.8 mile to a summit with a shown elevation of 9,370 feet;

Thence southwesterly in a straight line 1.1 mile to Lonesome Peak (elevation 10,588 feet);

Thence southeasterly in a straight line 0.3 mile to intersection with the 10,520 foot contour on ridge top sloping southeastward from Lonesome Peak;

Thence easterly 0.2 mile in a straight line to a summit with a contour elevation of 10,320 feet;

Thence easterly in a straight line 0.9 mile to intersection with the 10,000 foot contour on top of the hydrographic divide between Arapaho Creek and Meadow and Mill Creeks;

Thence south and southeasterly along said divide 2.1 miles to a summit with a shown elevation of 11,281 feet;

Thence southeasterly in a straight line 0.6 mile to a summit with a contour elevation of 11,320 feet;

Thence southeasterly in a straight line 0.5 mile to a summit with a shown elevation of 11,722 feet;

Thence southerly 0.4 mile on top of ridge to the intersection with 11,520 foot contour;

Thence southwesterly in a straight line 0.6 mile to intersection with 10,680 foot contour on the top of a westward sloping ridge in the NE 1/4 SE 1/4 of Section 19, Township 1 North, Range 74 West;

Thence southwesterly in a straight line 0.6 mile to intersection with 10,760 foot contour on top of a northwestward sloping ridge in the NE 1/4 NW 1/4 of Section 30, Township 1 North, Range 74 West;

Thence southeasterly on the top of a ridge 0.3 mile to the 11,040 foot contour on top of a westward sloping ridge;

Thence easterly and southeasterly 0.6 mile along this ridge to a summit with a shown elevation of 11,831 feet;

Thence southerly 0.8 mile along the ridge to a summit with a shown elevation of 11,801 feet;

Thence southerly 0.3 mile along the ridge to a summit with a shown elevation of 11,725 feet;

Thence southwesterly along the ridge to intersection with south section line Section 31, Township 1 North, Range 74 West. At this point leave Indian Peaks Wilderness boundary;

Thence westerly along south section line to southwest corner of said Section 31;

Thence northerly along section line between Range 74 and Range 75 West to northeast corner Section 25, Township 1 North, Range 75 West;

Thence westerly along section lines to southwest corner Section 22, Township 1 North, Range 75 West;

Thence northerly along section lines to east quarter corner Section 21, Township 2 North, Range 75 West;

Thence westerly to center quarter corner of said Section 21;

Thence northerly to north quarter corner of said Section 21;

Thence westerly along section lines to east sixteenth corner on south section line Section 13, Township 2 North, Range 76 West;

Thence northerly to a point that is 61.7 feet, South 0°51' West from the center east sixteenth corner of said Section 13;

Thence North 62°05'07" West, 134.6 feet to a point;

Thence North 89°21'30" West, 553.2 feet to a point;

Thence North 59°34'West, 1,138.9 feet to a point;

Thence North 38°53' West, 1,100.8 feet to a point;

Thence North 44°35' West, 1,905.8 feet to a point that is South 86°43'20" East, 351.9 feet from the southeast corner of Section 11, Township 2 North, Range 76 West;

Thence South 86°43'20" East, 922.1 feet to a point;

Thence North 20°06' West, 330.9 feet to a point;

Thence North 36°07'15" West, 366.4 feet to a point;

Thence North 05°04' West, 752.4 feet to a point;

Thence North 87°23'30" West, 841.7 feet to south sixteenth corner on east section line of said Section 11;

Thence North 89°56'15" West, 1,281.7 feet to southeast sixteenth corner of said Section 11;

Thence southerly to east sixteenth corner on north section line Section 14, Township 2 North, Range 76 West;

Thence westerly along setion line to west sixteenth corner on north section line of said Section 14;

Thence South 0°23'30" West, 1,350.8 feet to northwest sixteenth corner of said Section 14;

Thence North 89°35' West, 1,329.8 feet to north sixteenth corner on west section line of said Section 14;

Thence southerly along section line to south sixteenth corner on west section line of said Section 14;

Thence westerly to south sixteenth corner on west section line Section 15, Township 2 North, Range 76 West;

Thence northerly along section lines to southeast corner of Section 4, Township 2 North, Range 76 West;

Thence westerly along section line to south quarter corner of said Section 4;

Thence northerly to center north sixteenth corner of said Section 4;

Thence westerly to northwest sixteenth corner of said Section 4;

Thence northerly to west sixteenth corner on north section line of said Section 4;

Thence easterly along section lines to intersection with centerline of U.S. Highway No. 34;

Thence northeasterly along centerline of U.S. Highway No. 34 to the intersection with the south line of N 1/2 N 1/2 of Section 34, Township 3 North, Range 76 West.

Thence westerly along the south line of N 1/2 N 1/2 of said Section 34 and the south line of the N 1/2 NE 1/4 of Section 33, Township 3 North, Range 76 West to center north sixteenth corner of said Section 33;

Thence southerly to center south sixteenth corner of said Section 33;

Thence westerly to south sixteenth corner on west section line of said Section 33;

Thence northerly along section line to north sixteenth corner on west section line of said Section 33;

Thence westerly to center north sixteenth corner Section 32, Township 3, North, Range 76 West;

Thence northerly to south quarter corner Section 29, Township 3 North, Range 76 West;

Thence westerly along section line to west sixteenth corner on south section line of said Section 29;

Thence northerly to southwest sixteenth corner of said Section 29;

Thence westerly to south sixteenth corner on west section line of said Section 29;

Thence northerly along section lines to east quarter corner Section 19, Township 3 North, Range 76 West;

Thence westerly to center quarter corner of said Section 19;

Thence northerly to north quarter corner of said Section 19, and join Arapaho National Forest boundary;

Thence easterly along section lines to west sixteenth corner on north section line Section 21, Township 3 North, Range 76 West;

Thence southerly to northwest sixteenth corner of said Section 21;

Thence easterly to northeast sixteenth corner of said Section 21;

Thence southerly to center east sixteenth corner of said Section 21;

Thence easterly to east quarter corner of said Section 21;

Thence South 88°44' East, 2779.92 feet to center quarter corner Section 22, Township 3 North, Range 76 West;

Thence South 0°06' West, 988.39 feet to northwest corner of S 1/2 W 1/4 NW 1/4 SE 1/4 of said section 22;

Thence South 88°27' East, 278.33 feet to a point;

Thence South 41°58'12" East, 135.59 feet to a point;

Thence South 43°52'36" East, 180.35 feet to a point;

Thence South 24°42'41" East, 117.16 feet to a point;

Thence South 88°24' East through southeast sixteenth corner of said Section 22, to the west edge of deeded right-of-way boundary for Grand County Road No. 4;

Thence southwesterly along west edge of said county road right-or-way to intersection with north section line Section 27, Township 3 North, Range 76 West;

Thence westerly along section line to north quarter corner of said Section 27;

Thence southerly to center quarter corner of said Section 27;

Thence easterly to center east sixteenth corner of said Section 27;

Thence southerly to southeast sixteenth corner of said Section 27;

Thence easterly along north line of SE 1/4 SE 1/4 of said Section 27 to intersection with centerline of U.S. Highway No. 34;

Thence northeasterly along centerline of U.S. Highway No. 34 to a point where a line through starting point No. 1 perpendicular to the U.S. Highway No. 34 centerline intersects said centerline. Said starting point No. 1 is on west edge of Highway No. 34 right-of-way and located North 56°40'45" East, 1,207.9 feet from east quarter corner of said Section 27; thence northwesterly to starting point No. 1;

Thence North 53°15' West, 187.3 feet to a point;

Thence North 09°50' East, 181.7 feet to a point;

Thence North 24°55' East, 341.8 feet to a point.

Thence South 32°47' East, 193.9 feet to a point;

Thence South 19°52' East, 208.8 feet to a point;

Thence South 49°06' West, 20 feet to a point on west edge of right-of-way of U.S. Highway No. 34;

Thence along a line perpendicular to the centerline of U.S. Highway 34 to its intersection with said centerline;

Thence northeasterly along centerline of U.S. Highway no. 34 to a point North 07°24'30" East from northern terminus of east boundary of right-of-way for road from Granby Pumping Plant to Highway No. 34. This right-of-way is described in warranty deed filed in Book 95, Page 307 of Grand County records;

Thence South 07°24'30" West, 50 feet to south edge of right-of-way of U.S. Highway No. 34 and northern terminus of east boundary of right-of-way for Granby Pumping Plant road;

Thence South 07°24'30" West, 301.6 feet;

Thence along a circular curve to the left with a radius of 573 feet and tangent to the previous course, 117.3 feet, measured along the arc of the curve;

Thence South 04°19'30" East, 358.7 feet;

Thence along a circular curve to the left with a radius of 573 feet and tangent to the previous course, 95.3 feet, measured along the arc of the curve;

Thence South 13°51'30" East, a distance of 592.6 feet;

Thence South 12°06'30" East, 20.6 feet to the south line of E 1/2 NW 1/4 of Section 26, Township 3 North, Range 76 West;

Thence South 89°19'40" East to the center quarter corner of said Section 26;

Thence South 01°14' West, 1,415.8 feet to Angle Point No. 202 (a brass cap) on north boundary of right-of-way for Grand County Road No. 64;

Thence South 61°00' East, 226.3 feet to Angle Point No. 203 (a brass cap);

Thence South 89°09'30" East, 2,445.0 feet to Angle Point No. 212 (a brass cap) located on east section line of said Section 26;

Thence South 00°53' West, 40 feet to intersection with north boundary of Grand County Road No. 642;

Thence easterly along north boundary of said Grand County Road No. 642 to intersection with line projected South 0°49' West from southwest sixteenth corner of Section 25, Township 3 North, Range 76 West;

Thence North 0°49' East to southwest sixteenth corner of said Section 25;

Thence South 88°57' East, 1,304.0 feet to center south sixteenth corner of said Section 25;

Thence South 0°45' West, 1,319.8 feet to south quarter corner of said Section 25;

Thence South 88°53' East, 2,609.8 feet to southeast corner of said Section 25;

Thence North 0°34' East, 5,233.2 feet to the northeast corner of said Section 25;

Thence North 1°11' East, 2,583.6 feet to the east quarter corner of Section 24, Township 3 North, Range 76 West;

Thence North 87°55'20" West, 1,941 feet to a point;

Thence North 01°00'40" East, 665.8 feet to a point;

Thence North 42°49'45" West, 935.4 feet to center north sixteenth corner of said Section 24;

Thence North 88°09' West to intersection with centerline of U.S. Highway No. 34;

Thence northerly along centerline of U.S. Highway No. 34 to junction with centerline Colorado State Highway No. 278;

Thence northeasterly along centerline of Highway No. 278 to point of beginning.

BOUNDARY DESCRIPTION - WILLOW CREEK PARCEL

Sixth Principal Meridian, Colorado: Beginning at the center south north sixty-fourth corner Section 8, Township 2 North, Range 76 West and intending to follow around the ownership of the Water and Power Resources Service;

Thence westerly along the north line of S 1/2 S 1/2 NW 1/4 of said Section 8 to the south north one sixty-fourth corner on west section line of said Section 8;

Thence westerly along the north line of S 1/2 S 1/2 NE 1/4, S 1/2 SE 1/4 NW 1/4, S 1/2 of Lot Two (2) to the south north one sixty-fourth corner on west section line of Section 7, Township 2 North, Range 76 West;

Thence westerly along the north line of S 1/2 SE 1/4 NE 1/4 to the center south northeast one sixty-fourth corner Section 12, Township 2 North, Range 77 West;

Thence North 01°38'38" West to the northeast sixteenth corner of said Section 12;

Thence South 83°37'13" West, 1,488.1 feet to center north sixteenth corner of said Section 12;

Thence South 02°29'31" East, 598.8 feet to a point;

Thence South 87°06'27" West, 665.4 feet to a point;

Thence North 01°42'24" West, 1,840.0 feet to a point on north section line of said Section 12;

Thence North 34°09'21" West, 742.1 feet to a point in Section 1, Township 2 North, Range 77 West;

Thence North 69°48'20" West, 1,116.7 feet to a point;

Thence South 64°51'40" West, 1,588.2 feet to a point in Section 2, Township 2 North, Range 77 West;

Thence North 80°32' West, 772.5 feet to a point;

Thence South 0°36'06" West, 400.0 feet to a point on north section line Section 11, Township 2 North, Range 77 West;

Thence South 89°23'54" East, 445.0 feet along section line to east sixteenth corner on north section line of said Section 11;

Thence southerly along west line of NE 1/4 NE 1/4 of said Section 11 to the southwest corner of said NE 1/4 NE 1/4 of said Section 11;

Thence easterly along the south line of NE 1/4 NE 1/4 of said Section 11 to the northwest corner of NE 1/4 SE 1/4 NE 1/4 of said Section 11;

Thence southerly along west line of NE 1/4 SE 1/4 NE 1/4 to the southwest corner of NE 1/4 SE 1/4 NE 1/4 of said Section 11;

Thence easterly along the south line of NE 1/4 SE 1/4 NE 1/4 to the southeast corner of the NE 1/4 SE 1/4 NE 1/4 of said Section 11;

Thence southerly along the east section line of said Section 11 to the east quarter corner of Section 12, Township 2 North, Range 77 West;

Thence North 35°52'24" East, 20.0 feet along the east-west quarter section line of said Section 12;

Thence South 0°13'28" West, 651.0 feet to a point in said Section 12;

Thence North 85°57'46" East, 2,706.8 feet to a point;

Thence South 02°29'31" East, 653.6 feet to center south sixteenth corner of said Section 12;

Thence South 71°00' East, 650.0 feet to a point;

Thence South 89°03" East, 1,519.1 feet to a point;

Thence South 0°01'18" East, 420.0 feet to a point;

Thence North 89°58'42" East, 310.0 feet to a point;

Thence South 0°01'18" East, 760.0 feet to a point in Section 13, Township 2 North, Range 77 West;

Thence South 89°33'57" East, 420.0 feet to a point on east section line of said Section 13;

Thence South 89°33'57" East 3,273.4 feet to a point in Section 18, Township 2 North, Range 76 West;

Thence North 0°26'03" East, 300 feet to a point on north section line of said Section 18;

Thence South 89°33'57" East, 1,799.0 feet along north section line of said Section 18 to northeast corner of said Section 18;

Thence South 87°39'53" East, 909.4 feet along south section line of Section 8, Township 2 North, range 76 West to a point;

Thence North 0°25'13" West, 1,977.1 feet to a point;

Thence South 87°51'15" East, 126.0 feet to a point;

Thence South 80°57' East, 513.6 feet to a point;

Thence South 78°22' East, 861.0 feet to a point south side of Willow Creek Reservoir Access Road;

Thence North 01°40'59" West, 865.7 feet to center quarter corner of said Section 8;

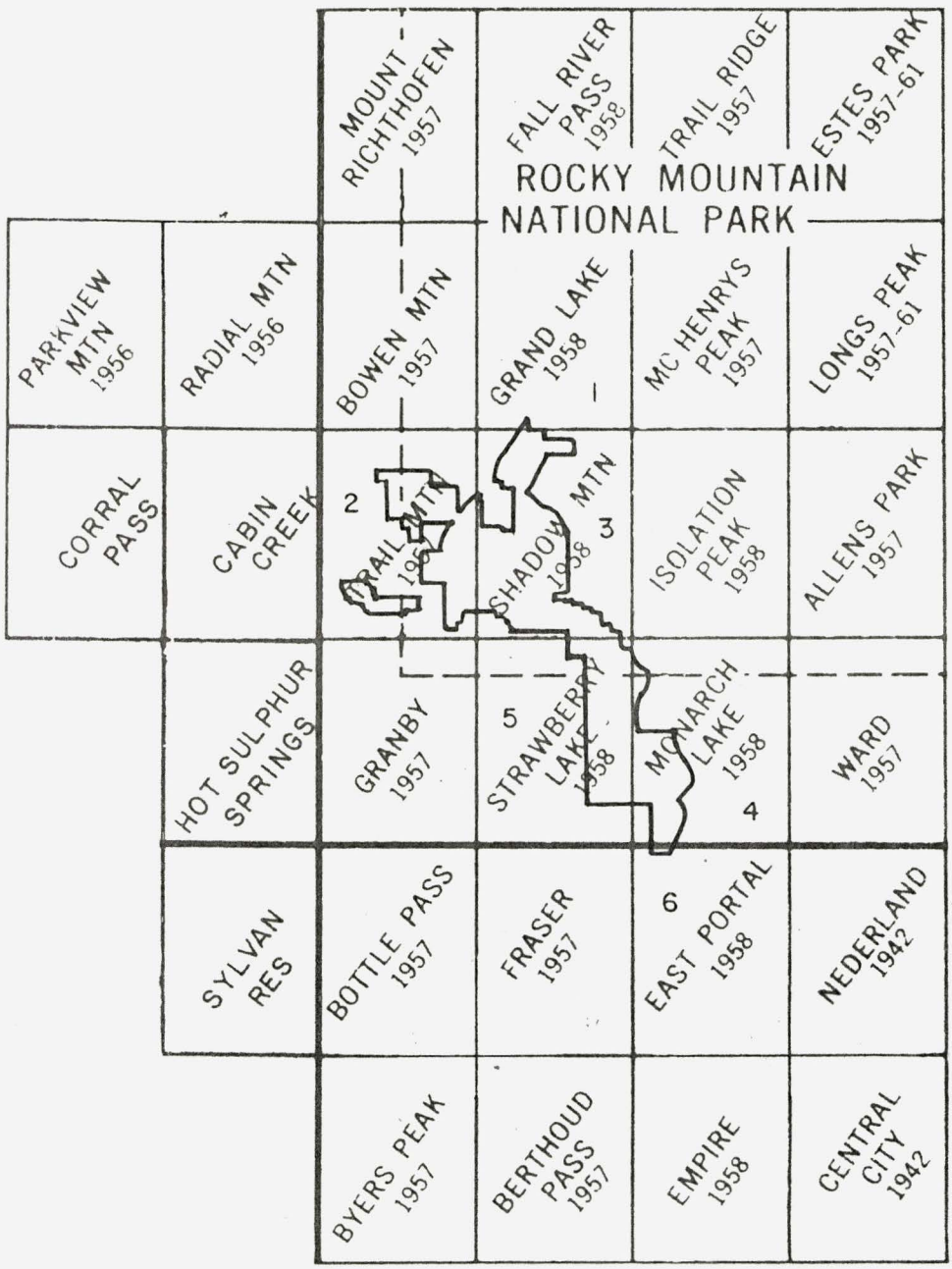
Thence northerly along the east line of S 1/2 S 1/2 NW 1/4 of said Section 8 to point of beginning.

Both parcels have a total of 35,688 acres 1/ more or less.

1/ Gross acreage within the described boundary (all ownerships).

INDEX MAP

ARAPAHO
NATIONAL RECREATION AREA



ADVANCE PROOF
SUBJECT TO CORRECTION
SCALE 1:24,000

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GRAND LAKE QUADRANGLE
COLORADO
7.5 MINUTE SERIES (TOPOGRAPHIC)

105°52'30" 426000m.E. R. 76 W. ESTES PARK 36 MI R. 75 W. 50' (FALL RIVER PASS) 47'30" 1 920 000 FEET 105°45' 40°22'30"

4469000m.N.

(MT RICHTHOFEN) (TRAIL RIDGE)

(BOWEN MOUNTAIN) (MC HENRYS PEAK)

(TRAIL MOUNTAIN) (ISOLATION PEAK)

370 000 FEET

340 000 FEET

40°15' 105°52'30" 1 900 000 FEET R. 76 W. GRANBY 15 MI FRASER 30 MI 50' R. 75 W. (SHADOW MOUNTAIN) WEST PORTAL 7.6 MI 47'30" 4340000m.E. 105°45' 40°15'

1730'

Mapped, edited, and published by the Geological Survey as part of the Department of the Interior program for the development of the Missouri River Basin

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1953. Field check 1959

Polyconic projection. 1927 North American datum
10,000-foot grid based on Colorado coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue

All land lines omitted except in parts of Ts. 3, 4 and 5 N. Rs. 75 and 76 W. because of insufficient data

Unchecked elevations are shown in brown

15° TRUE NORTH MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1959

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D.C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USDA FOREST SERVICE
Rocky Mountain Region

ARAPAHO NATIONAL FOREST
COLORADO

ARAPAHO NATIONAL RECREATION AREA

LEGEND

- AREA BOUNDARY
- FOREST BOUNDARY
- NATIONAL, STATE OR PROVINCE LINE
- COUNTY LINE
- ALIENATED LANDS (PRIVATE, STATE OR NATIONAL PARKS AND MONUMENTS, INDIAN RESERVATIONS, MINING CLAIMS, ETC.)

The exterior boundary of Arapaho National Recreation Area, Arapaho National Forest Rocky Mountain Region, October 1980 as created by Public Law 95-450, Oct. 11, 1978

NOTE

This proof is sent to you for your review and comment. If you observe errors or have suggestions please make notations on the face of the map, sign and return the copy within TEN days.

RETURN TO
ROCKY MOUNTAIN REGION ENGINEER
U.S. GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER 25, COLORADO

4456000m.N.

ROAD CLASSIFICATION

Heavy-duty — — — Light-duty ———
Medium-duty Unimproved dirt
U.S. Route

COLORADO
QUADRANGLE LOCATION

GRAND LAKE, COLO.
N4015—W10545/7.5
1959

formerly (Rocky Mtn. Nat. Park 2 SE, Colo.) JS
PQ B-7

(Sheet 1 of 6)

NRA

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TRAIL MOUNTAIN QUADRANGLE
COLORADO-GRAND CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

USDA FOREST SERVICE
Rocky Mountain Region

ARAPAHO NATIONAL FOREST

COLORADO

ARAPAHO NATIONAL RECREATION AREA

LEGEND

- AREA BOUNDARY
- FOREST BOUNDARY
- NATIONAL, STATE OR PROVINCE LINE
- COUNTY LINE
- ALIENATED LANDS (PRIVATE, STATE OR NATIONAL PARKS AND MONUMENTS, INDIAN RESERVATIONS, MINING CLAIMS, ETC.)

The exterior boundary of Arapaho National Recreation Area, Arapaho National Forest Rocky Mountain Region, October 1980 as created by Public Law 95-450, Oct. 11, 1978

(RADIAL MOUNTAIN) (GRAND LAKE)

106°00' 40°15' 416000m.E. 57'30" PONY PARK 13 MI. (BOWEN MOUNTAIN) 55' 1 890 000 FEET 105°52'30" 40°15'

4455000m.N.

330 000 FEET

12'30"

(HOT SULPHUR SPRINGS 1:62,500)

(SHADOW MOUNTAIN)

WALDEN 49 MI
RAND 21 MI

T. 3 N.
T. 2 N.

10'

290 000 FEET

40°07'30" 106°00' 1.2 MI. TO U.S. 40 HOT SULPHUR SPRINGS 9.1 MI 1 870 000 FEET R. 77 W. 57'30" R. 76 W. (GRANBY) 55' 422000m.E. GRANBY 5.3 MI FRASER 20 MI 105°52'30" 40°07'30"

(HOT SULPHUR SPRINGS) 1:62,500

(STRAWBERRY LAKE)

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1953. Field check 1957

Polyconic projection. 1927 North American datum
10,000-foot grid based on Colorado coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue

Dashed land lines indicate approximate locations
Certain land lines are omitted in T. 2 N.-R. 77 W. and T. 3 N.-Rs. 76 and 77 W. because of insufficient data

Unchecked elevations are shown in brown

APPROXIMATE MEAN DECLINATION, 1957
15°
TRUE NORTH
MAGNETIC NORTH

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER 2, COLORADO OR WASHINGTON 25, D.C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

COLORADO
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Medium-duty — Light-duty —
Unimproved dirt
U.S. Route State Route

TRAIL MOUNTAIN, COLO.
N4007.5—W10552.5/7.5
1957

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D.C.-1959-NS
MR 6394

(Sheet 2 of 6)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SHADOW MOUNTAIN QUADRANGLE
COLORADO–GRAND CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

USDA FOREST SERVICE
Rocky Mountain Region

ARAPAHO NATIONAL FOREST

COLORADO

ARAPAHO NATIONAL RECREATION AREA

LEGEND

- AREA BOUNDARY
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Polyconic projection. 1927 North American datum
10,000-foot grid based on Colorado coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue

Land lines omitted in part of T. 3 N., R. 75 W. because of insufficient data

Unchecked elevations are shown in brown

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

GN MN
0°31' 14½°
9 MILS 258 MILS
UTM GRID AND 1958 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

ROAD CLASSIFICATION

Medium-duty — — — Light-duty

Unimproved dirt

U.S. Route

COLORADO
QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR WASHINGTON, D.C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

SHADOW MOUNTAIN, COLO.
N4007.5–W10545/7.5

1958

AMS 4864 III NE–SERIES V877

SPECIAL PRINTING
Contours and woodland symbols omitted

(Sheet 3 of 6)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MONARCH LAKE QUADRANGLE
COLORADO
7.5 MINUTE SERIES (TOPOGRAPHIC)

USDA FOREST SERVICE
Rocky Mountain Region

ARAPAHO NATIONAL FOREST

COLORADO

ARAPAHO NATIONAL RECREATION AREA

LEGEND

- AREA BOUNDARY
- FOREST BOUNDARY
- NATIONAL, STATE OR PROVINCE LINE
- COUNTY LINE
- ALIENATED LANDS (PRIVATE, STATE OR NATIONAL PARKS AND MONUMENTS, INDIAN RESERVATIONS, MINING CLAIMS, ETC.)

The exterior boundary of Arapaho National Recreation Area, Arapaho National Forest Rocky Mountain Region, October 1980 as created by Public Law 95-450, Oct. 11, 1978

Mapped, edited, and published by the Geological Survey as part of the Department of the Interior program for the development of the Missouri River Basin

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1953. Field check 1958

Polyconic projection. 1927 North American datum
10,000-foot grid based on Colorado coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue

Dashed land lines indicate approximate locations
Certain land lines omitted in Ts. 1 and 2 N., R. 74 W. because of insufficient data

Unchecked elevations are shown in brown

UTM GRID AND 1958 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION
Light-duty ——— Unimproved dirt - - - - - -

COLORADO
QUADRANGLE LOCATION

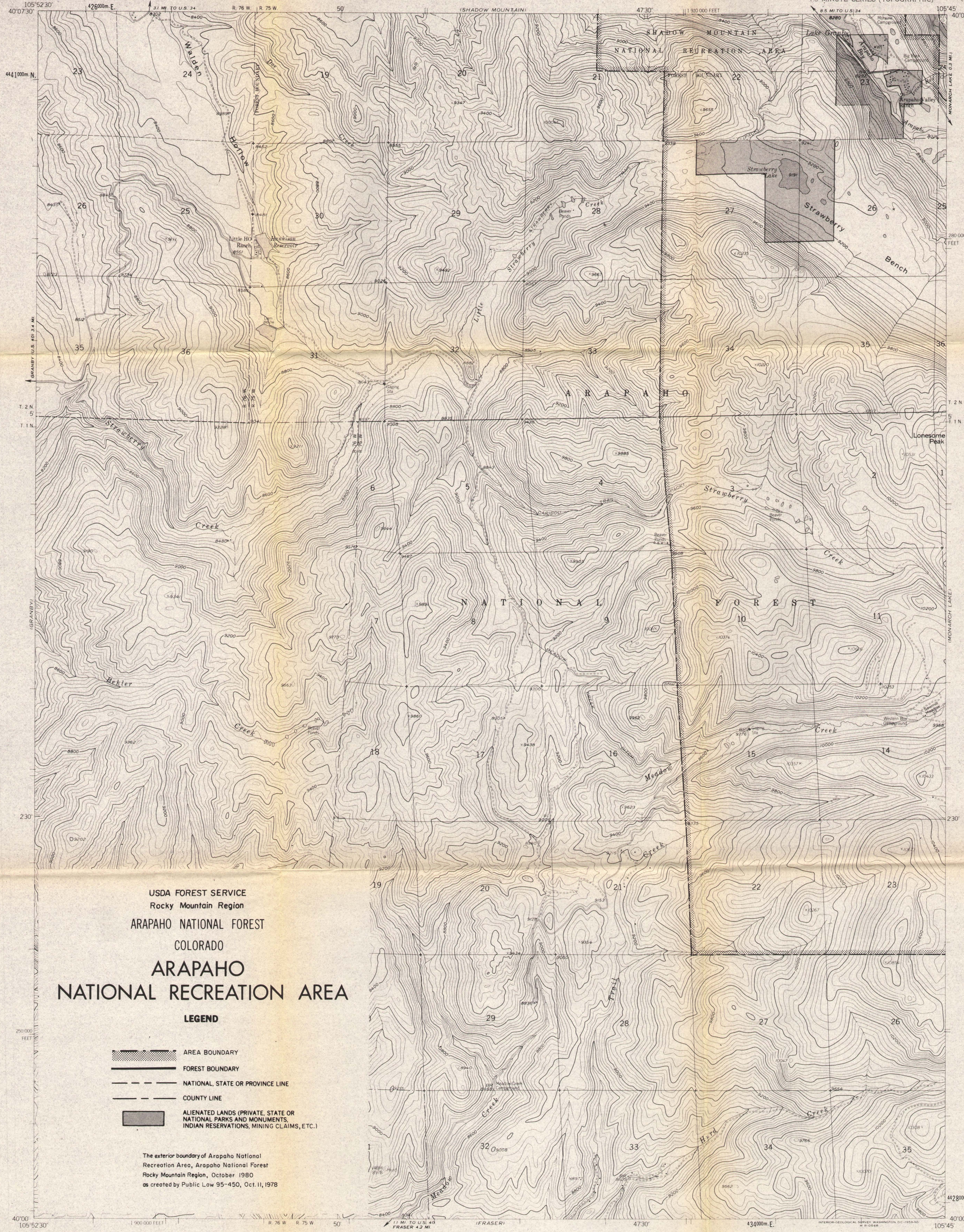
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

MONARCH LAKE, COLO.
N4000—W10537.5/7.5
1958
AMS 4864 II SW—SERIES V877

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRAWBERRY LAKE QUADRANGLE

COLORADO-GRAND CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



USDA FOREST SERVICE
Rocky Mountain Region
ARAPAHO NATIONAL FOREST
COLORADO

ARAPAHO NATIONAL RECREATION AREA

LEGEND

- AREA BOUNDARY
- FOREST BOUNDARY
- NATIONAL, STATE OR PROVINCE LINE
- COUNTY LINE
- ALIENATED LANDS (PRIVATE, STATE OR NATIONAL PARKS AND MONUMENTS, INDIAN RESERVATIONS, MINING CLAIMS, ETC.)

The exterior boundary of Arapaho National Recreation Area, Arapaho National Forest Rocky Mountain Region, October 1980 as created by Public Law 95-450, Oct. 11, 1978

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1953. Field check 1958

Polyconic projection. 1927 North American datum
10,000-foot grid based on Colorado coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue

Dashed land lines indicate approximate locations
Certain land lines omitted in T. 1 N.-R. 76 W. because of insufficient data

Unchecked elevations are shown in brown

TRUE NORTH
MAGNETIC NORTH
14½°
APPROXIMATE MEAN DECLINATION, 1958

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION
Light-duty ——— Unimproved dirt - - - - -

COLORADO
QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY DENVER 25, COLORADO OR WASHINGTON 25, D.C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D.C.-1959-NS
M 8-0568

STRAWBERRY LAKE, COLO.
N4000—W10545/7.5
1958

61

(Sheet 5 of 6)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

EAST PORTAL QUADRANGLE
COLORADO
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 CENTRAL CITY 15 QUADRANGLE

USDA FOREST SERVICE
Rocky Mountain Region

ARAPAHO NATIONAL FOREST

COLORADO

ARAPAHO NATIONAL RECREATION AREA

LEGEND

- AREA BOUNDARY
- FOREST BOUNDARY
- NATIONAL, STATE OR PROVINCE LINE
- COUNTY LINE
- ALIENATED LANDS (PRIVATE, STATE OR NATIONAL PARKS AND MONUMENTS, INDIAN RESERVATIONS, MINING CLAIMS, ETC.)

The exterior boundary of Arapaho National Recreation Area, Arapaho National Forest Rocky Mountain Region, October 1980 as created by Public Law 95-450, Oct. 11, 1978

Mapped, edited, and published by the Geological Survey as part of the Department of the Interior program for the development of the Missouri River Basin

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1953. Field check 1958

Polyconic projection. 1927 North American datum
10,000-foot grid based on Colorado coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue

Land lines omitted except in T. 1 S., R. 75 W. and T. 1 N., Rs. 74 and 75 W. because of insufficient data

Unchecked elevations are shown in brown

SCALE 1:24000

1 MILE
1000 0 1000 2000 3000 4000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

APPROXIMATE MEAN DECLINATION, 1958
TRUE NORTH
MAGNETIC NORTH

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D.C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Light-duty — Unimproved dirt

COLORADO
QUADRANGLE LOCATION

EAST PORTAL, COLO.
NW/4 CENTRAL CITY 15 QUADRANGLE
N3952.5—W10537.5/7.5
1958

(Sheet 6 of 6)